

UHF Antenna

MODEL: TH-430B



1. GENERAL DESCRIPTION

Model No
TH430B-RPSMA(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	427~433MHz (Fo:430Mhz)
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	3.0 : 1
Gain	0-3db

1.2 Mechanical Properties

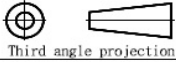

Parameter	Description
Antenna Type	External Antenna
Antenna Material	ASA-UV
Touch Type	Screw Type
Connector Type	RP-SMA 180°(Male) OD10.0mm
Antenna Dimensions	OD9.3 x 128.5mm ±0.5
Antenna Color	Black

Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C

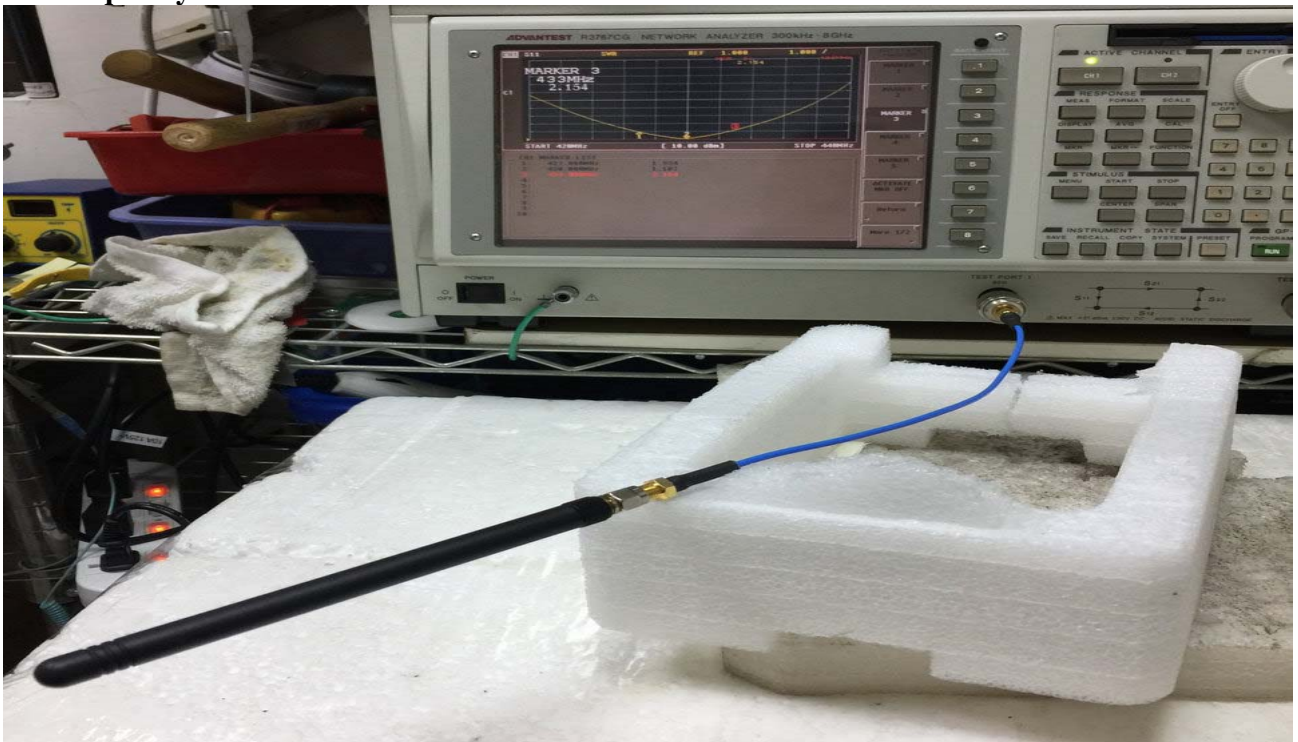
2. Appearance

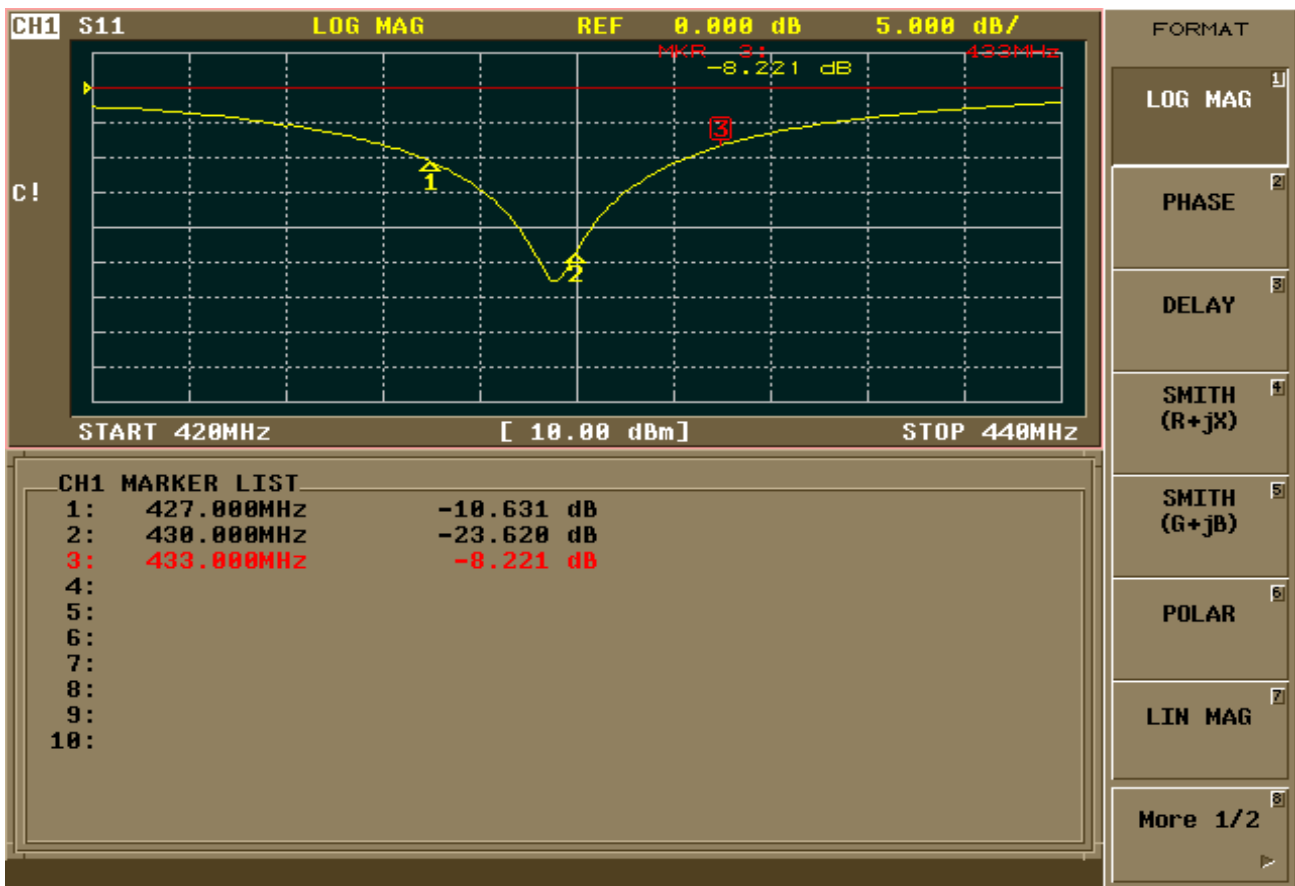
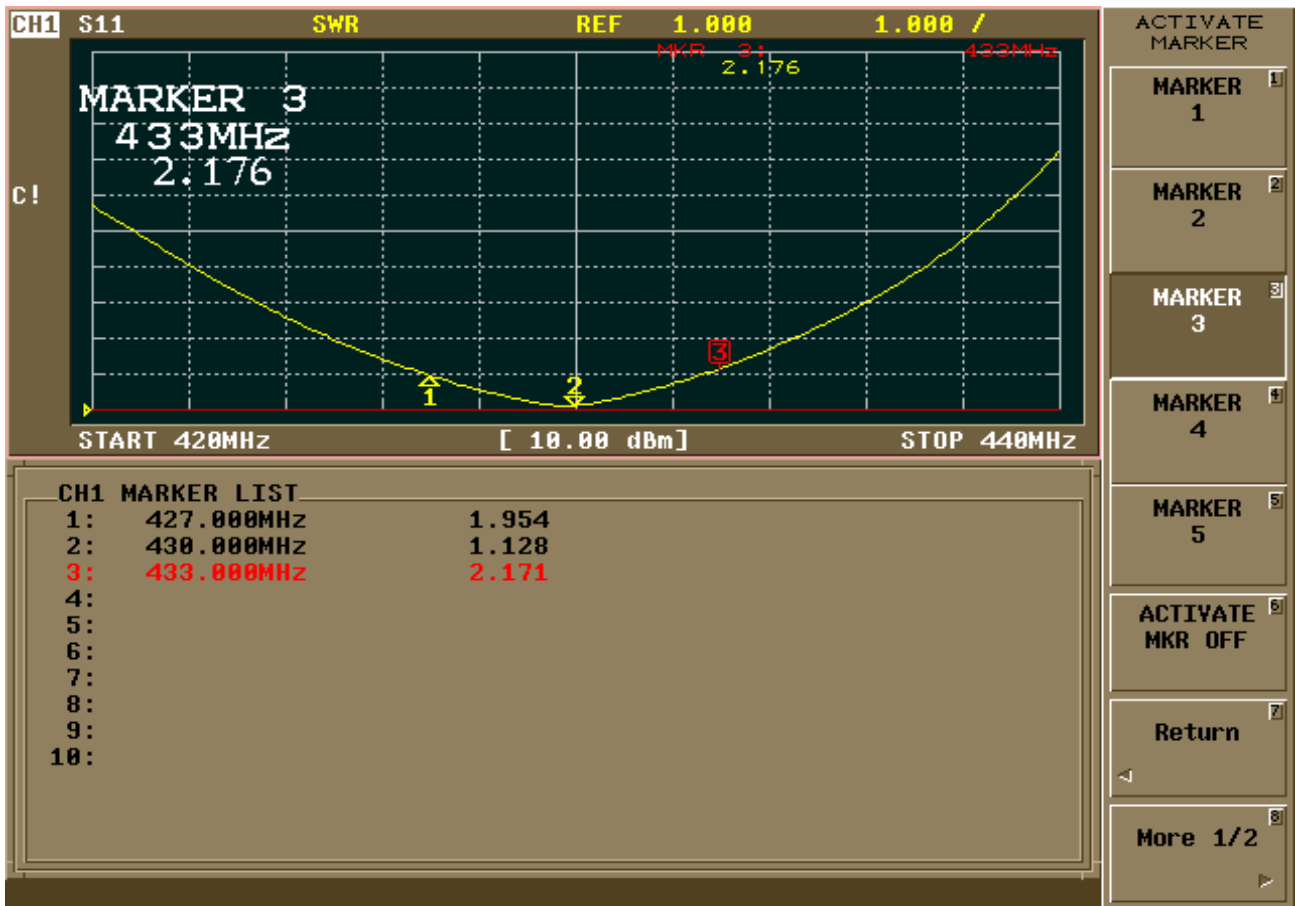
NO.	NAME	Q, TY
01	ASA-UV Tube	01
02	SMA(M) OR RP-SMA(M)	01

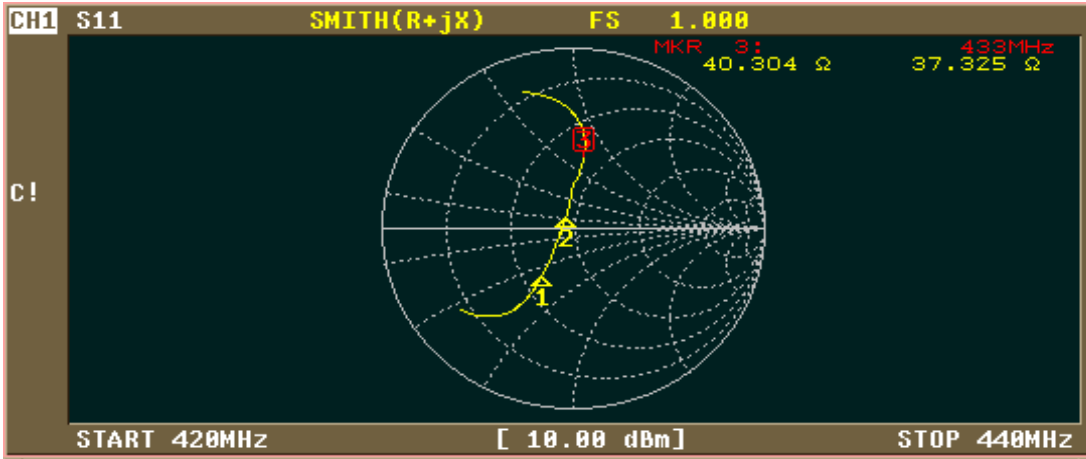


 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
		TH430B			M/M		20160727	1
	TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS		APPEARANCE					

3. Frequency







CH1 MARKER LIST

1:	427.000MHz	32.136 Ω	-18.177 Ω	20.504pF
2:	430.000MHz	46.592 Ω	5.949 Ω	2.202nH
3:	433.000MHz	40.232 Ω	37.229 Ω	13.684nH
4:				
5:				
6:				
7:				
8:				
9:				
10:				

- FORMAT
- LOG MAG
 - PHASE
 - DELAY
 - SMITH (R+jX)
 - SMITH (G+jB)
 - POLAR
 - LIN MAG
 - More 1/2